

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/852,495ADATE: 09/01/98
TIME: 13:03:15

INPUT SET: S28340.raw

#29

This Raw Listing contains the General
Information Section and up to the first 5 pages

ENTERED

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Ruddy, David A.
Wolff, Roger K.(ii) TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
HEMOCHROMATOSIS GENE

(iii) NUMBER OF SEQUENCES: 24

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Pennie & Edmonds, LLP
(B) STREET: 1155 Avenue of the Americas
(C) CITY: New York
(D) STATE: NY
(E) COUNTRY: USA
(F) ZIP: 10036-2811

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: Windows
(D) SOFTWARE: FastSEQ for Windows Version 2.0b

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/852,495
(B) FILING DATE: 07-MAY-1997
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Poissant, Brian M
(B) REGISTRATION NUMBER: 28,462
(C) REFERENCE/DOCKET NUMBER: 8907-0057-999

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 650-493-4935
(B) TELEFAX: 650-493-5556
(C) TELEX: 66141 PENNIE

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/852,495A

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47 (2) INFORMATION FOR SEQ ID NO:1:
48
49 (i) SEQUENCE CHARACTERISTICS:
50 (A) LENGTH: 235033 base pairs
51 (B) TYPE: nucleic acid
52 (C) STRANDEDNESS: single
53 (D) TOPOLOGY: linear
54
55
56
57
58
59 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
60
61 CACACACACA CACACACACA CACACACACA CACACAAATG AGGTATATAA AGGGTCTCCT 60
62
63 AAAATGTCAT CTGATATTGT TTATTTTCATA TTCTCAGATT TTTAATCCAT TTAGGTAGGT 120
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67 CAGAAGAAA ATCAACACAG CATTTAGAG ATTGAGGCCA AGAAGTTAAA TGTCTTAAAT 240
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69 GGGCAGAGCT TAGCTGCTTG ATGTGAAAA AGACCAGCGT GGCTGGAACA GCAAAGGAGA 300
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71 ACAGCAGAA AGGTGAACAG AGGCCAGAGA TGGTCACTGA GTGGGCCCTT AAGTCATGGT 360
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73 AAGGAGTATG GAGAATGAAT TATTGCATGT ATTGAATATG TAGGTGACGT GACTCACAGA 420
74
75 TACTTTGGAT TTGTAGAGAT GAAGGAAATG TAGCAAGTGA CACTCTTAGA ATGTTGATTT 480
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77 GAGTAAATGG TAGTGTCAGT TATTGAACTG GGGAGAACTG GAAGGGATAA CAGGCTTAAAG 540
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79 GAGCACGTTT ATTCCTGTGT CTTGGAAGTG TTTAGGGTGA AAGACCTATT AGAGTTCTAA 600
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81 ATGGAGATGT CAAGTGAAAA TGTGGCTACA CACATTGCA TTTTCAGAAA AAGGTCAGGC 660
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83 TGGAGATGTA AAATTGGAAG TTTACTGTCAT ATAGATAGTC TTTGGAACCG TAGTATTGAT 720
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85 GAAGCCATTA ATGAGACAGA ACAAGACTA GGGACCAGAG CCAAGCTCCA AGTTTCTAAA 780
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87 ATTTAGAGGA TAGTATAGTC TGGTCATTTT GAGGTGAATA CTTAATAACA GAACAATTTG 840
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89 TTGAAGTGTA AATTAGAGC CCTACACTTT TAGCTCTGAC TATTAACGAA TACAGGAAAG 900
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91 AATGGATATG GTTATCTGCC TGGTGTCTGT GAAATAATTT AAGCCAGGAA GAGATCCTCA 960
92
93 CCAGAAACTG ACTATGCTGG CAACTTGGAT CTTAGATTTC CAGCCTGCAG AATTGTTAGA 1020
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95 AAATAAATGT CTATCGTTTA AGCCACCAGT CTGTAGTATT TTGTTATGCG AGTCCAAGCT 1080
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97 GACTAAGTTT TGGTACCCAG GCGTGGGATG CTGCAACAAC AAATACCTAA ACATGGGGAA 1140
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INPUT SET: S28340.raw

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104	CGATCATGGA	TAGAATATTA	AATATGCTGG	TTAAATATG	GACTTTAGGC	CAGCGCTGGT	1380
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150	GTAGGGCAAT	GGTGTGATCT	CAGCTCACTG	CAATCTCCAC	CTCCAGGTT	CAAGGGATTC	2760
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		INPUT SET: S28340.raw	
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157	CTATGTTGGC CAGGCTAGTT TGGAACCTCT GACCTCCAGT GATCCATTCT CATTGGCCTC	2940	
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165	CCACCAAAC TAAAGACCGA GACTTCAGGC AGGGCAGATG GAGTAGGCCA ACTACAGAGC	3180	
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167	CAGAGGTGAC ACTGAGACAC CACTGGGCTT GGAAATCAGG GCATCAAGCC AAAGAGGGTT	3240	
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169	TTTCTTAAGA CCTAACAGAA TTTGCCTTGC CAGGTTTGG ACTTGATTAG GACACATTAC	3300	
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171	ACCTTCTTTC TTTCTATTT CTCCATTTTC TAATGGGAAT GTCTATTATG CCTGTTTCAC	3360	
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173	CATTGTACCT TAGAAGCATG TAACATTCTT GGTTCACAC GTTCAAAGCT GGAAGGAAT	3420	
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175	TTTGTCTCTG GATGAATCAC ACATTGAGCC TCACCCGTAA CCTGATTTAG ATGATTTTTT	3480	
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179	TGGGATGGAA TAATTTTTTT TTTTTTTTTG AGACGGAGTC TAGCTCTGTC GCCCAGGCTG	3600	
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181	GAGTGCAGTG GCACCATCTT GGCTCACTGC AAGCTCTGCC TCCCGGGTTT ATGCCATTCT	3660	
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183	CATGCTCAG CCTCCAGAGT AGCTGGGACT ACAGGCGCCC GCCACCACGC CTGGCTAATT	3720	
184			
185	TTTTTTTTTAT TTTAGTAGAG ATGGGGTTTC ACCGTGTTAG CCAGAAATGGT CTCGATCTCT	3780	
186			
187	TGACCTTCTG ATCCGCCTGC CTTGGCTTCC CAAAGTGCTG GGATTACAGC TGTGAGCCAC	3840	
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189	CATGCCCGGC TGGGATGGAA TAAATTTATC TTGTATGGGA GAAGGACATA CATTTTGGCA	3900	
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191	GGTCAAGGAC AGAATGTTAT GGACTAAACT GTGTCCCCCA AAATTCATT TTTAAACCC	3960	
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193	TAAACCCAG TGTGACTGCA TTTGGACATA GAGCCTTTAG GGGGTACATA AAACATAAGA	4020	
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195	TCACAGGATA GGGCCCTAAT CCCATTGGGG CTGGTGCTCT TACAGAAGAT GAGACACTTA	4080	
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201	TTCCAGGCTC CAAACTGTG AGAAATGAA TTTCTGTTCC AAGCCTCTTA GATATGGAAA	4260	
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205	GCTAAGACAA TGAAGGATGT GGTAAACCTT TACGTCCCAA CCACATACCA AAGAGGCTGG	4380	

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206	AATTTAGCAT	GCTTTCTTCT	TTCAACTGTA	GGCAATGTGC	ACAAGTTCTA	AATCCTAAGA	4440
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208	CATCCAAATGA	AGTTC TGACA	TTTCTTCAAC	ATGAGTACAG	TAATTCAATG	CCAGAGAAAT	4560
209	CATTTTATTT	TGAAATCTAC	ATGCCATATT	CCAAATTTCTG	TTGAAGATGC	AATGGTTATA	4620
210	TTTATTCTTT	TTAATATAGA	TTTATCAGAC	TGGGCGCGGT	GGCTCATACC	TGTAATCCTA	4680
211	GCATTTGAGA	GGCTGAGGTG	GGCATATCAC	CTGAGGTCAG	GAGTTTGAGA	CCAGGCTGGC	4740
212	CAACATGGTG	AAACCTGTCT	TCTACTATAA	ATATAAAAT	TAGCTGGGTG	TGGTGGTGCA	4800
213	TGCGTGTAGT	CCCAGTTACT	AGGGAGGCTG	AGGTAGAATT	GCTTGAACCT	GGGAGCAGGA	4860
214	GGTTGCAATG	AGTGAAATCT	GCACCAGTAC	ACTCCAGCCT	GGATGACAGA	GCAAAATAAT	4920
215	AAATAAAATAC	ATAAAATAGA	TTTATCAGTT	TATCAATAAT	ATAGTTTCTT	TTTCTAGGTG	4980
216	TAAATATAGG	TAATGACTGT	CCTTTAGTAC	ATTTTCTCAT	GATGCTCCTC	TTACTTGGTT	5040
217	TGGTACAATA	TTAAGTATTG	AAATAAAATA	GAGAATCCCTG	TCGCTACACA	TGAGCACTTA	5100
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220	ATGACAAACC	TTTAGAAGGT	TTGTATTTAA	CCTTAAATAA	TAATTTTTTA	AAAATTGGTT	5280
221	ATAAAATTTCT	TAATACTTTC	TTTTTTGTGA	CCTCAAGGGG	AAAATATAAT	TCTTATAAAA	5340
222	GTTCAAATGA	TTTACAGAAAT	ACAAAAAGTG	AATAGAGATG	ATGAATGAAT	TAAAGGAAAG	5400
223	GATATTGCTA	CATAGATTTG	GAAATTTAAA	AAGGGAAATT	ACGATTGTGT	ATTTTGTGTT	5460
224	AAACTGATCT	GCTTTGTTC	AGATACCTTA	TGTACCAAAA	AATGATTTTA	TCTCAGCCTC	5520
225	ATATCTCAGT	AAATCTCTGA	GACAACTTT	AGTCCCTGGT	GCCCAGGTGC	CTTTGGTAAT	5580
226	TGGGAGACCT	CTAGGTTT	CATCCTCATC	CACCTCGCCC	AATTTAAATA	GTCCTCCCCA	5640
227	GGGCCATTCA	GGCAAGGGAG	ATGAAAACCT	GCTCAAGAGT	TGGAATCCAA	CTGAAGCTAC	5700
228	CGAAATTCAT	TGCTCAATAG	ATAATTTTCC	CTGGAAGTAA	CTAGGGCTTT	TGAATATAAT	5760
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231	TTAACTGGCA	CCTTCTGTGT	TTCCTGAAG	CTCCCTTTGC	TTAGGGACTA	GGCTCTTAGC	5940

PAGE: 1

SEQUENCE VERIFICATION REPORT
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